Appendix B

Reliant Energy Operating Permit



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION AIR QUALITY PROGRAM NORTHWEST REGION

TITLE V OPERATING PERMIT

Reliant Energy Mid-Atlantic Power Holdings, LLC Warren Generating Station TV 62-00012

> Amended November 21, 2001

Based upon Pennsylvania's Operating Permit Program 25 Pa. Code Chapter 127 Effective November 25, 1994

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

ISSUE DATE: 04-MAY-00

EFFECTIVE DATE: 21-NOV-01

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L.2119, as amended, and 25 Pa. Code Chapter 127, the Owner, land Operator if noted! (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in the site inventory list. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V PERMIT NO: 62-00012
TAX ID - PLANT CODE 52-2154847-2

OWNER RELIANT EMERGY MID ATLANTIC POWER HOLDINGS LLC

MAILING 1001 BROAD STREET
ADDRESS JOHNSTOWN, PA. 15907

PLANT RELIANT EMERGY MID A/WARREN STATION

LOCATION 62 Warren County

62907 Conewango

SIC CODE 4911 Trans. & Utilities - Electric Services

RESPONSIBLE OFFICIAL

NAME JAMES V LOCKER

TITLE DESIGNATED REPRESENTATIVE

PERMIT CONTACT PERSON

NAME TIMOTHY E MCKENZIE

TITLE SENIOR ENVIRONMENTAL SCIE

PHONE (814) 533-8670

[SIGNATURE]

LARRY W WONDERS NORTHWEST REGION AIR PROGRAM MANAGER

Source Name: Boiler NO. 1

I. RESTRICTIONS.

Emission Limitation(s).

a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, in excess of the following:

- 1. 4.00 lb/mmbtu over a 3-hour period
- 2. 3.53 lb/mmbtu over a 24-hour period
- 3. 3.53 lb/mmbtu annually
- b) Compliance with these limits is determined by using a single CEMS measuring aggregate SO2 emissions from all operating boilers, as required under Condition #009, below.

III. MONITORING REQUIREMENTS.

- a) The permittee shall install, operate and maintain a continuous SO2 monitoring system to monitor SO2 emissions from the four boilers where all four boilers exhaust into a common stack containing a single CEMS in compliance with 25 PA Code Chapter 139 Subchapter C (relating to requirements of continuous in-stack monitoring for stationary sources). Results of emission monitoring shall be submitted to the Department on a regular basis in compliance with 25 PA Code Chapter 139, Subchapter C.
- b) The Department may use the data from the SO2 monitoring devices to enforce the emission limitations for SO2 defined in this permit.
- c) The Department may use the data from the SO2 monitoring systems to determine compliance with the applicable emission limitations for SO2 established in this permit.



Source Name: Boiler NO. 2

I. RESTRICTIONS.

Emission Limitation(s).

- a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, in excess of the following:
- 1. 4.00 lb/mmbtu over a 3-hour period
- 2. 3.53 lb/mmbtu over a 24-hour period
- 3. 3.53 lb/mmbtu annually
- b) Compliance with these limits is determined by using a single CEMS measuring aggregate SO2 emissions from all operating boilers, as required under Condition #009, below.

III. MONITORING REQUIREMENTS.

- a) The permittee shall install, operate and maintain a continuous SO2 monitoring system to monitor SO2 emissions from the four boilers where all four boilers exhaust into a common stack containing a single CEMS in compliance with 25 PA Code Chapter 139 Subchapter C (relating to requirements of continuous in-stack monitoring for stationary sources). Results of emission monitoring shall be submitted to the Department on a regular basis in compliance with 25 PA Code Chapter 139, Subchapter C.
- b) The Department may use the data from the SO2 monitoring devices to enforce the emission limitations for SO2 defined in this permit.
- c) The Department may use the data from the SO2 monitoring systems to determine compliance with the applicable emission limitations for SO2 established in this permit.

Source Name: Boiler NO. 3

I. RESTRICTIONS.

Emission Limitation(s).

- a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, in excess of the following:
- 1. 4.00 lb/mmbtu over a 3-hour period
- 2. 3.53 lb/mmbtu over a 24-hour period
- 3. 3.53 lb/mmbtu annually
- b) Compliance with these limits is determined by using a single CEMS measuring aggregate SO2 emissions from all operating boilers, as required under Condition #009, below.

III. MONITORING REQUIREMENTS.

- a) The permittee shall install, operate and maintain a continuous SO2 monitoring system to monitor SO2 emissions from the four boilers where all four boilers exhaust into a common stack containing a single CEMS in compliance with 25 PA Code Chapter 139 Subchapter C (relating to requirements of continuous in-stack monitoring for stationary sources). Results of emission monitoring shall be submitted to the Department on a regular basis in compliance with 25 PA Code Chapter 139, Subchapter C.
- b) The Department may use the data from the SO2 monitoring devices to enforce the emission limitations for SO2 defined in this permit.
- c) The Department may use the data from the SO2 monitoring systems to determine compliance with the applicable emission limitations for SO2 established in this permit.

Source Name: Boiler NO. 4

I. RESTRICTIONS.

Emission Limitation(s).

- a) No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO2, in excess of the following:
- 1. 4.00 lb/mmbtu over a 3-hour period
- 2. 3.53 lb/mmbtu over a 24-hour period
- 3. 3.53 lb/mmbtu annually
- b) Compliance with these limits is determined by using a single CEMS measuring aggregate SO2 emissions from all operating boilers, as required under Condition #009, below.

III. MONITORING REQUIREMENTS.

- a) The permittee shall install, operate and maintain a continuous SO2 monitoring system to monitor SO2 emissions from the four boilers where all four boilers exhaust into a common stack containing a single CEMS in compliance with 25 PA Code Chapter 139 Subchapter C (relating to requirements of continuous in-stack monitoring for stationary sources). Results of emission monitoring shall be submitted to the Department on a regular basis in compliance with 25 PA Code Chapter 139, Subchapter C.
- b) The Department may use the data from the SO2 monitoring devices to enforce the emission limitations for SO2 defined in this permit.
- c) The Department may use the data from the SO2 monitoring systems to determine compliance with the applicable emission limitations for SO2 established in this permit.

Source Name: COMBUSTION TURBINE

I. RESTRICTIONS.

Emission Limitation(s).

#002[25 Pa. Code 123.21] General

No person may permit the emission into the outdoor atmosphere of sulfur oxides in a manner that the concentration of the sulfur oxides, expressed as SO2, in the effluent gas exceeds 500 parts per million, by volume, dry basis.